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	10	20	30	40	50	60	
1	HHNGTNGTMMQYFEWYLPNDGNHWRNRLRDDAANLKSKGITAVWIPPAKGTSQNDVGYGA						60
3	-AAPFNGTMMQYFEWYLPDDGTLWTKVANEANNLSSLGITALWLPPAYKGTSRSDVGYGV						59
2	HHNGTNGTMMQYFEWHLNDGNHWRNRLRDDASNLRNRRGITAIWIPPAKGTSQNDVGYGA						60
4	HHNGTNGTMMQYFEWYLPNDGNHWRNRLNDASNLKSKGITAVWIPPAKGASQNDVGYGA						60
	70	80	90	100	110	120	
1	YDLYDLGEFNQKGTVRTKYGTRNQLQAAVTSLKNNGIQVYGDVVMNHKGADGTEIVNAV						120
3	YDLYDLGEFNQKGTVRTKYGTKAQYLQAIQAAHAAGMQVYADVVFHDKGADGTEWVDAV						119
2	YDLYDLGEFNQKGTVRTKYGTRSQLAESAIHALKNNGVQVYGDVVMNHKGADATEVLA						120
4	YDLYDLGEFNQKGTVRTKYGTRSQLQAAVTSLKNNGIQVYGDVVMNHKGADATEMRAV						120
	130	140	150	160	170	180	
1	EVNRSNRNQETSGEYAI	EA	WTKFDFPGRGNHSSFKWRYHFDGTDWDQSRQLQNKIYKF				180
3	EVNPSDRNQEISGTYQI	QAWTKFDFPGRGNTYSSFKWRYHFDGVDWDESRKLS	-R	IYKF			178
2	EVNPNNRNQEISGDTIE	AWTKFDFPGRGNTYSDFKWRYHFDGVDWDQSRQFQNRIYKF					180
4	EVNPNNRNQEVTGEYTIE	AWTRFDFPGRGNTHSSFKWRYHFDGVDWDQSRRLNNRIYKF					180
	190	200	210	220	230	240	
1	RGTGKAWDWEVDTENGNYDYL	MYADVDMDHPEVI	HELRNWGVWYTNTLNLDGFRIDAVKH				240
3	RGIGKAWDWEVDTENGNYDYL	MYADLDMDHPEVVTELKNWKGWVNTTN	IDGFRIDAVKH				238
2	RGDGKAWDWEVDSENGNYDYL	MYADVDMDHPEVVNELRRWGEWYTNTLNLDGFRIDAVKH					240
4	RHGKAWDWEVDTENGNYDYL	MYADIDMDHPEVVNELRNWGVWYTNTLGLDGFRIDAVKH					240
	250	260	270	280	290	300	
1	IKYSFTRDWLTHVRNTTGKPMFAVAEF	WKNDLGAIENYL	NKTSWNHSAFDVPLHYNLYNA				300
3	IKFSFPDWLSYVRSQ	TGKPLFTGEYWSYDINKL	HNYITKTDGTMSLFDAPLHNKFYTA				298
2	IKYSFTRDWLTHVRNATGKEMFAVAEF	WKNDLGAIENYL	NKTSWNHSAFDVPLHYNLYNA				300
4	IKYSFTRDWLTHVRNATGKEMFAVAEF	WKNDLGAIENYL	NKTSWNHSAFDVPLHYNLYNA				300
	310	320	330	340	350	360	
1	SNSGGYYDMRNILNGSVVQKHP	THAVTFVDNHD	SQPGEALESFVQQWFKPLAYALVLTRI				360
3	SNSGGAFDMRTLMTNTLMKDQ	PTLA	TFVDNHDTEPGQALQSWVDPWFKPLAYAFILTRQ				358
2	SNSGGNYDMAKLLNGTVVQKHP	MHAVTFVDNHD	SQPGELESFVQEWFKPLAYALILTRE				360
4	SNSGGNYDMRNIFNGTVVQRHP	SHAVTFVDNHD	SQPEEALESFVEWFKPLAYALTLTR				360
	370	380	390	400	410	420	
1	QGYP	SFVYGDYYGIP	THGVPAMKSIDPLLQARQTFAYGTQHDYFDHHDIIGWTREGN	SS			420
3	EGYPC	FVYGDYYGIPQY	NIPSLKSKIDPLLIAARRDYAYGTQHDYLDHSDIIGWTREGG	TE			418
2	QGYP	SFVYGDYYGIP	THSVPAMKAKIDPILEARQN	FAYGTQHDYFDHHNIIGWTREGN	TT		420
4	QGYP	SFVYGDYYGIP	THGVPAMRSKIDPILEARQ	KYAYGKQNDYLDHHNIIGWTREGN	TA		420
	430	440	450	460	470	480	
1	HPNSGLATIMSDGPGGNK	WVKGKNA	QGVWRDITGNRTGTVTINADGWGNFSVNGGSVS				480
3	KPGSGLAALITDGPGGS	KWVKGKQHAGK	VFYDLTGNRSDTVTINS	DGWGEFKVNGGSVS			478
2	HPNSGLATIMSDGPGGEK	KWVVGQNK	AGQVWHDITGNKPGTVTINADGWANFSVNGGSVS				480
4	HPNSGLATIMSDGAGGS	KWVGRNK	AGQVWS	ITGNRTGTVTINADGWGNFSVNGGSVS			480
	490	500	510	520	530	540	
1	VWVKQ						485
3	VWVPRKTTV	STIARPIT	TRPWTGEFVRWTEPRLVAW				514
2	IWVKR						485
4	IWVNK						485

Fig. 1

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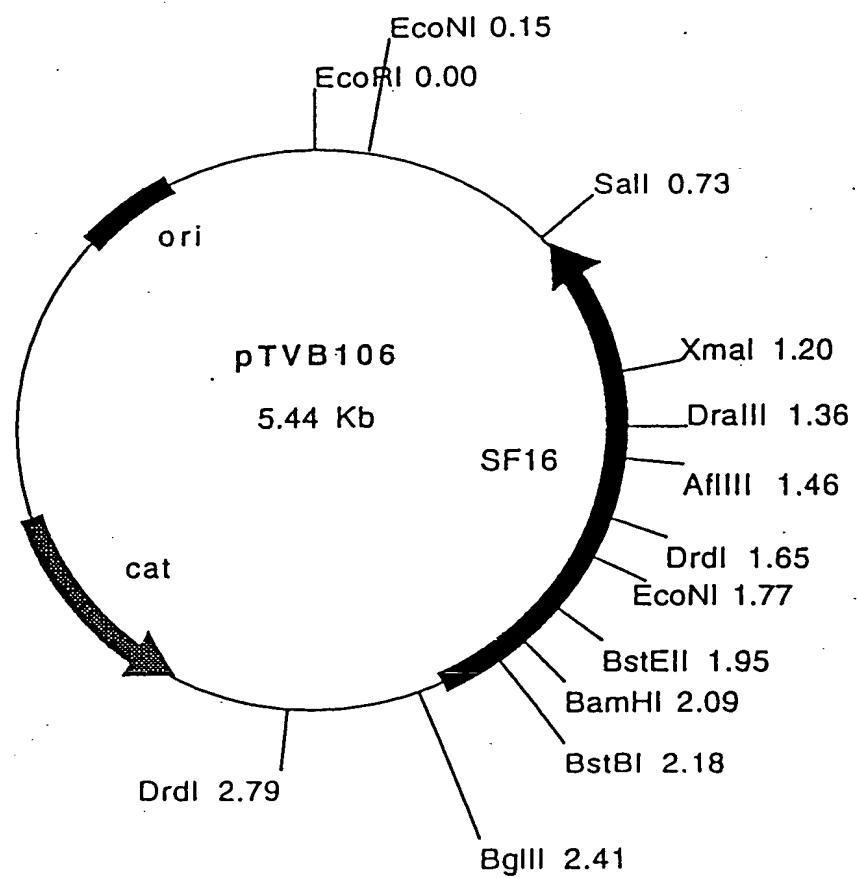


Fig. 2

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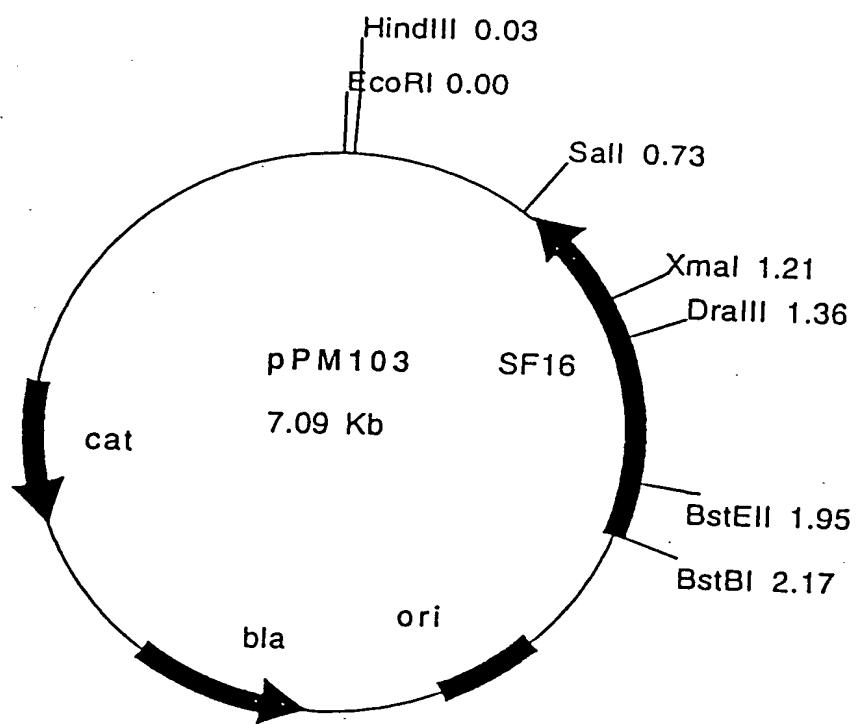


Fig. 3

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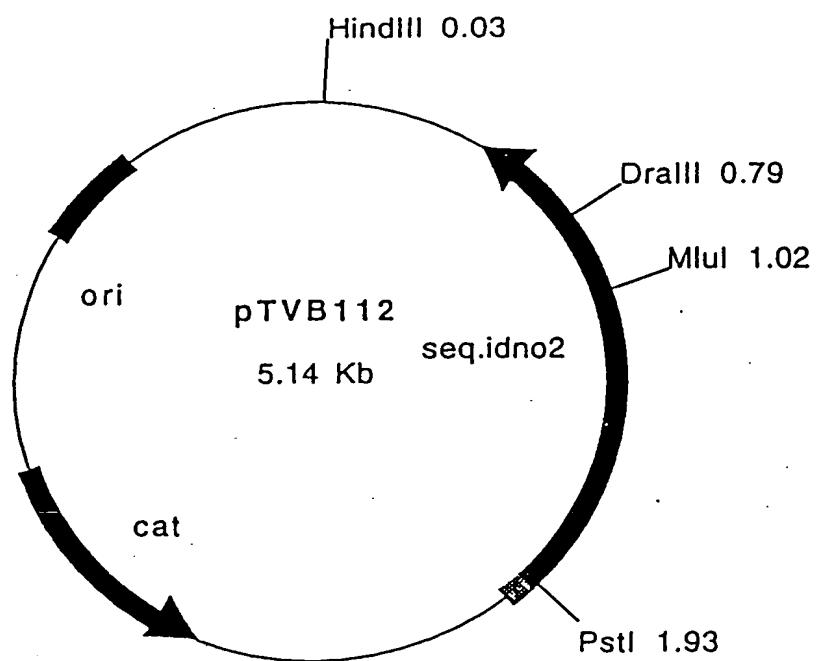


Fig. 4

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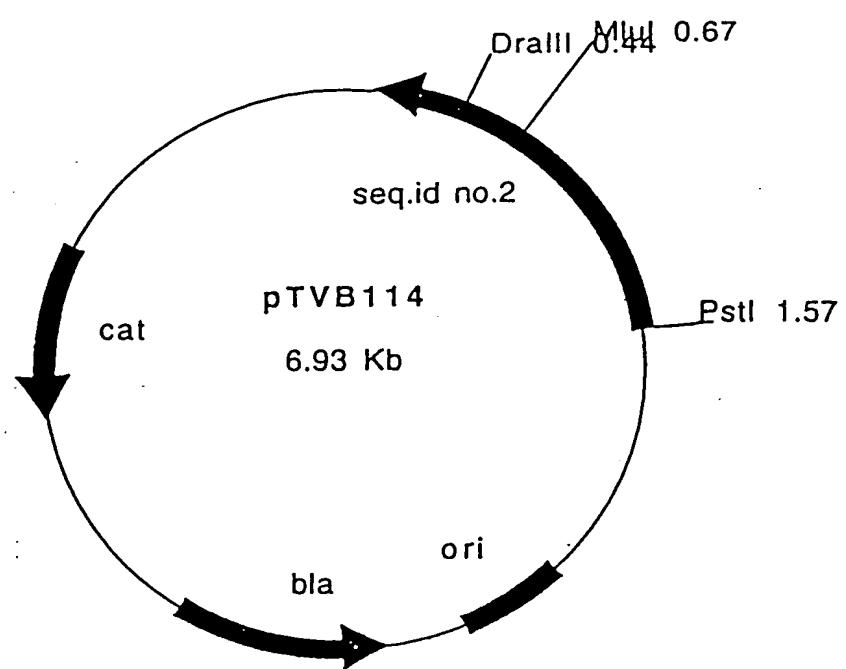


Fig. 5